Products   Oscilloscopes   Touchscreen Digital Storage Oscilloscopes 2CH / 4CH   PeakTech® 1295

PeakTech® 1295 PROD-ID: P 1295   BACK

4 CH Touchscreen Oszilloscope, 100 MHz ~ 1GS/s ~ with USB & LAN

This newly developed and innovative 4-channel Digital Storage Oscilloscope is featuring the latest technology and performance.

The control of the many included functions can be carried out either with the reliable and proven function keys and additional with the new comfortable "touch screen" technology. Thus, for example the on- screen menus, channel selection and file management with displayed keypad can be used by a fingertip.

The high-resolution TFT color display shows all 4 measurement channels simultaneously and is also suitable for the new multi-window function to display the combined time course curve of all waveforms with zoom function.

In addition to the extensive measurement capabilities, these devices have a LAN interface for integration into company networks and an USB interface for data transfer to the PC. Furthermore, data can be saved directly to a USB storage device, which can be selected easily in the new file manager.

Via the VGA port the user can connect external monitors to display all the measurement data enlarged or show it to a larger audience.

Through the user-friendly operation, the variety of functions and technical highlights these device can be used for countless applications in education, service- , scientific- and industrial applications.

- 4 measuring channels with simultaneous display on the display
- Innovative Touch Screen finger tip control
- 100MHz bandwidth
- 500 MSa/s in 4-Channel mode
- 1 GSa/s in 2-Channel mode
- High-resolution TFT color display with 800 x 600 pixels and 65536 colors
- Autoset and Autoscale function for easy operation
- Save the measured values and graphics directly on a USB stick
- 20 auto. measurement modes, FFT function, PASS / FAIL function
- LAN connection for remote access via Network
- USB port for real- time data transfer or reading of internal memory
- VGA output for connecting an external monitor
- Included Accessories: Carrying case, 4 probes (1:1 , 10:1) , USB cable, 4 BNC cables, user manual, software CD for Windows XP/Vista/7/8

MANUAL

PeakTech_1295_1300.pdf (4,068.7 kB)

PICTURES

1295 Front.jpg (1,084.0 kB)
1295 R.jpg (1,081.8 kB)
1295_1300_Rueckseite.jpg (943.9 kB)

FIRMWARE

P1295_Firmware Update 12012017.rar (3,091.3 kB)

Bandwidth	100 MHz
Display	20 cm (8") Touchscreen TFT mit 65536 colors
Resolution	800 x 600 Pixel
Channels	4 CH simultaneously
Measurement acquisation	normal/peak detect/average
Samplingrate per channel	1 GSa/s per CH
Samplingrate 4 channel	500 MSa/s per CH
INPUT .	
Input coupling	AC, DC, GND
Input impedance	1 MΩ +/- 2% in parallel with 10pF +/- 5 pF
Max. Input voltage	400V DC or ACpp
VERTICAL SYSTEMS .	
Measurement range	>5Hz ... 100 MHz
Sensitivity	2mV...10V/Div.
Rise Time	< 3,5ns
DC Accuracy	+/-3%
Vertical resolution	8 Bits (4CH simultaneously)
Horizontal systems	.
Time base	2ns/Div. ... 100s/Div.
Measurement range	0,5 - 2 GS/s
TRIGGER .	
Trigger type	Edge, Video, Pulse, Slope
Trigger mode	Auto/Norm/Single
Trigger coupling	DC, AC, LF, HF
MEASUREMENTS .	
20 autom. measurements	Peak-Peak,Cycle RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise time, Fall time, + Width, - Width, +Duty, -Duty, Delay A->B (rising), Delay A->B (falling), Frequency, Period, Min, Max, FFT
Phase difference	+/- 3°
RECORD .	
Record lenght	7.6 M points / CH
Internal record	4 waveforms; 15 settings
COMMON SPECIFICATIONS .	
Interfaces	USB Host, USB 2.0 Device, VGA, LAN
Operation voltage	100 ~ 240V ACrms; 50/60Hz; Power
Dimensions (WxHxD)	380 x 180 x 115 mm
Weight	1,9 kg
EAN-13	4250569402531